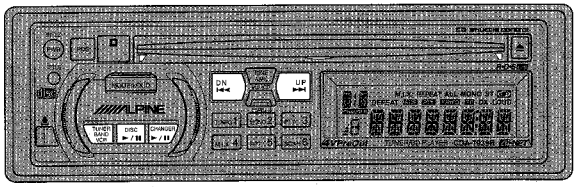
# CDA-7939R

## FM/MW/LW/RDS Compact Disc Receiver

OWNER'S MANUAL
Please read before using this equipment.
MODE D'EMPLOI
Veuillez lire ce mode d'emploi avant la mise en service de l'appareil.
MANUAL DE OPERACION
Lea antes de utilizar este equipo.
BEDIENUNGSANLEITUNG
Lesen Sie diese Anleitung bitte vor der Inbetriebnahme.
LIBRETTO DELLE ISTRUZIONI
Leggere questo manuale prima di usare l'apparecchio.
BRUKSANVISNING
Läs igenom bruksanvisningen innan bilstereon tas i bruk.



COMPACT disc DIGITAL AUDIO

Ai-NET

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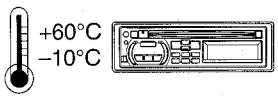
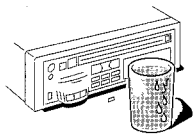


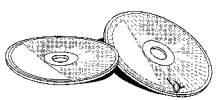

## Thermal Protection Circuit

Be sure the temperature inside the vehicle is between +60°C (+140°F) and –10°C (+14°F) before attempting to play a disc. If the temperature is over +60°C (+140°F), the protection circuit functions to stop the CD player, and "- - - H" is displayed.



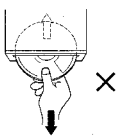
## Moisture Condensation

You may notice the CD playback sound wavering due to condensation. If this happens, remove the disc from the player and wait about an hour for the moisture to evaporate.



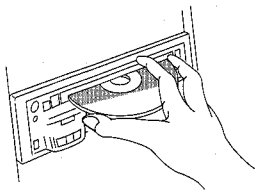
## Damaged Disc

Do not attempt to play cracked, warped, or damaged discs. Playing a bad disc could severely damage the playback mechanism.



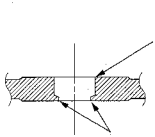
## Never attempt the Following

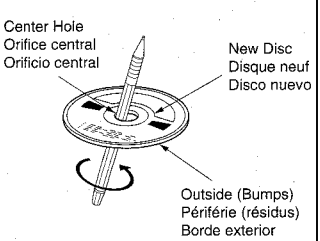
Do not grip or pull out the disc while it is being pulled back into the player by the automatic reloading mechanism.
Do not attempt to insert a disc into the unit when the unit power is off.



## Inserting Discs

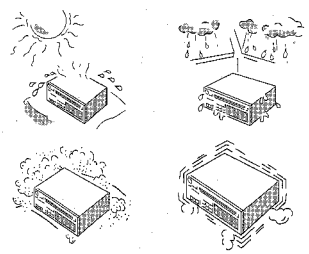
Your player accepts only one disc at a time for playback. Do not attempt to load more than one disc.
Make sure the label side is facing up when you insert the disc. Your player will automatically eject any disc that is inserted incorrectly. If the player continues to eject a correctly inserted disc, push the Reset switch (located behind the detachable front panel) with a pointed object such as a ball-point pen.
Playing a disc while driving on a very bumpy road may result in skips, but this will not scratch the disc or damage the player.




## New Discs

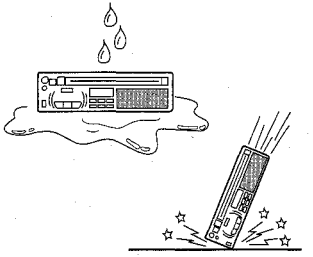
As a protective measure, the CD player will automatically eject discs that have either been inserted incorrectly or have irregular surfaces. When a new disc is inserted into the player and ejected after initial loading, using your finger, feel around the inside of the centre hole and outside edge of the disc. If you feel any small bumps or irregularities, this could inhibit proper loading of the disc. To remove the bumps, rub the inside edge of the hole and outside edge of the disc with a ball-point pen or other such instrument, then insert the disc again.



## Installation Location

Make sure the CDA-7939R player/receiver will not be exposed to:

- Direct sun and heat
- High humidity
- Excessive dust
- Excessive vibrations



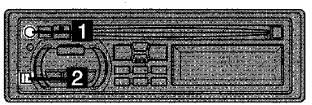
## Handling the Detachable Front Panel

- Do not expose to rain or water.
- Do not drop or apply shock.

## Maintenance

If you have problems, do not attempt to repair the unit yourself. Return it to your Alpine dealer or the nearest Alpine Service Station for servicing.

English




## Detaching the Front Panel

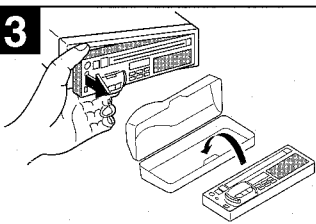
**1**

Press the PWR button to turn off the power.

**2**

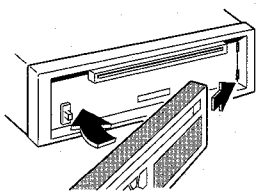
Press the release button until the front panel pops out.

**3**



Grasp the left side of the front panel and pull it out.

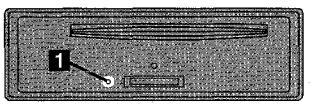
**Note: To protect the front panel, place it in the supplied carrying case.**



## Attaching the Front Panel

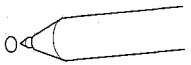
- First insert the right side of the front panel into the main unit by aligning the groove on the front panel with the 2 projections on the main unit.
- Then push the left side of the front panel until it locks firmly in the main unit and a click sound is heard.

**Note:** Before attaching the front panel, make sure that there is no dirt or dust on the connector terminals and no foreign objects between the front panel and main unit.

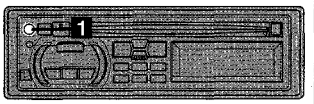



## Initial System Start-Up

**1**



When operating the unit for the first time after installation or after the vehicle's battery has been disconnected and reconnected, set the volume level to its minimum, then remove the detachable front panel. Press the Reset switch with a ball-point pen or any other pointed object.




## Turning Power On and Off

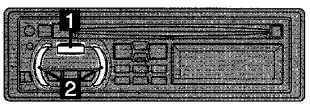
**1**

Press the PWR button to turn on the unit.

**Note:** The unit can be turned on by pressing any button except the eject ▲ button or by inserting a compact disc.

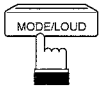
Press the PWR button again to turn off the unit.

**Note:** The operation indicator blinks when any operational button is pressed to indicate that the unit has recognized the pressing of the button.




## Adjusting Volume/Bass/ Treble/Balance/Fader

**1**




VOLUME
↓
BASS
↓
TREBLE
↓
BALANCE
↓
FADER

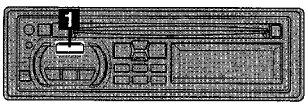
Press the MODE/LOUD button repeatedly to choose the desired mode.

**Note:** If the level control is not rotated in 5 seconds after selecting the BASS, TREBLE, BALANCE and FADER modes, the unit automatically returns to the VOLUME mode.

**2**

Rotate the level control clockwise or counterclockwise to increase or decrease the level until the desired sound is obtained in each mode.

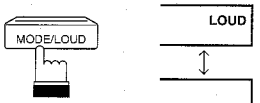
**Note:** When this control is rotated to its extreme end, the level changes quickly. The settings of the Bass and Treble will be individually memorized for each source (FM, MW, LW and CD) until the settings are changed.




## Turning Loudness On/Off

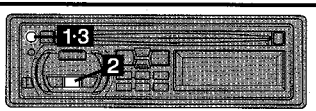
Loudness introduces a special low- and high-frequency emphasis at low listening levels to compensate for the ear's decreased sensitivity to bass and treble sound.

**1**




Press the MODE/LOUD button for at least **2** seconds to activate or deactivate the loudness mode.

**Note:** When an optional Alpine Audio Processor (Equalizer or Divider) is connected to the CDA-7939R, the Loudness mode is unfunctional.



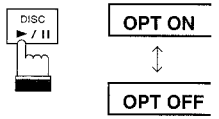

## Digital Output ON/OFF Switching

In combination with products using optical digital system, set the digital output switch to ON position.
In combination with products not using optical digital system, set the switch to OFF.

**1**

Press the PWR button for at least **3** seconds.

**2**

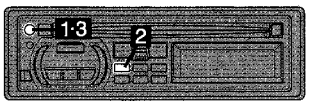



Each press of the DISC ►/II button switches the digital output ON/OFF.

**Note:** Initial mode is OPT OFF.

**3**

Press the PWR button to activate the normal mode.




## Adjusting FM Signal Level

If the difference in volume levels between the FM station and the CD player is great, you can adjust the FM signal level to make the difference smaller.

**1**

Press the PWR button for at least **3** seconds.

**2**

**FM-LV HI**

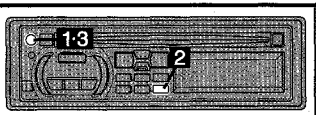
↕

**FM-LV LO**

Press the Preset 1 button to select the desired signal level.

**3**

Press the PWR button to preset the FM signal level in memory and deactivate the adjusting mode.

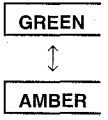



## Changing Lighting Colour

**1**

Press the PWR button for at least **3** seconds.

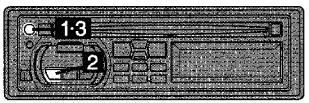
**2**




Press the Preset 6 button to change the lighting colour between green and amber.

**3**

Press the PWR button to set the lighting colour.




## Sound Guide Function

Very convenient function that informs operating conditions with sound tones when you press buttons.

**1**

Press the PWR button for more than **3** seconds.

**2**

**BEEP ON**

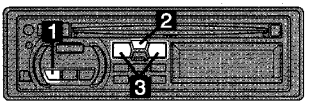
↕

**BEEP OFF**

Press the TUNER/BAND/VCR button and the display shows "BEEP ON".
Pressing the button again shows "BEEP OFF" and the sound tone does not emit if buttons are pressed.

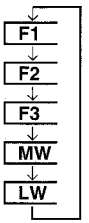
**3**

Press the PWR button to activate the normal mode.



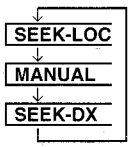

## Manual Tuning

**1**




Press the TUNER/BAND/VCR button repeatedly until the desired radio band is displayed.

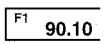
**2**

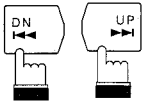



Press the TUNE/A.ME button repeatedly until "MANUAL" is displayed.

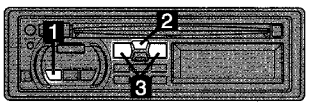
**Note:** Initial mode is SEEK-DX.

**3**



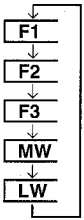




Press the DN ⏮ or UP ⏭ button to move downward or upward one step respectively until the desired station frequency is displayed.



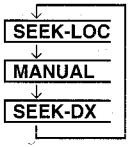

## Automatic Seek Tuning

**1**




Press the TUNER/BAND/VCR button repeatedly until the desired radio band is displayed.

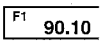
**2**

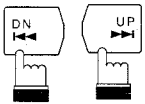



Press the TUNE/A.ME button to illuminate the DX indicator in the display. With the DX mode activated, both strong and weak stations will be tuned in the Auto-Seek operation.

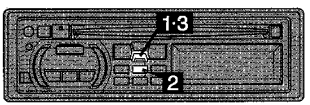
Press the TUNE/A.ME button again to return to the local mode. The DX indicator will turn off and only strong radio stations will be tuned.

**3**




Press the DN ⏮ or UP ⏭ button to automatically seek a station downward or upward respectively.




## Mono/Stereo Switching

**1**

Press the FUNC button. The function indicator will be off.

**2**

F1 ST
101.50

↕

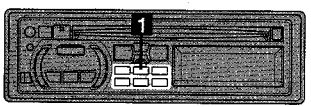
F1 MONO
101.50

"ST" indicator appears when a stereo station is tuned in.

Press the MONO button to switch from the stereo mode to the monaural mode to reduce the noise level of noisy stereo broadcast due to weak signal. In the monaural mode, the MONO indicator appears. Press the MONO button again to return to the stereo mode.

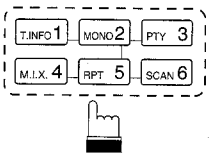
**3**

Press the FUNC button to activate the normal mode. The function indicator will illuminate.




## Manual Storing of Station Presets

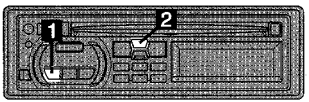
**1**




1. Tune in the desired radio station you wish to store in the preset memory.
2. Make sure that the FUNC indicator illuminates, and press any one of the preset buttons (1 through 6) for at least **2** seconds until the frequency display blinks.
3. Press the preset button into which you wish to store the station while the display is blinking (within 5 seconds).
   The display changes from blinking to steady lighting indicating that the station has been memorized. The preset number is also displayed.
4. Repeat the procedure to store 5 other stations onto the same band. Use this procedure for other bands.

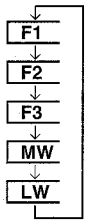
A total of 30 stations can be stored in the preset memory (6 stations for each band; FM1, FM2, FM3, MW, LW). The RDS stations can be preset in the FM1, FM2 and FM3 bands only.

**Note:** If a preset memory has already been set in the same preset location, it will be cleared and the new station will be memorized.




## Automatic Memory of Station Presets

**1**



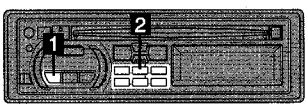

Press the TUNER/BAND/VCR button until the desired radio band is displayed.

**2**

**A-MEMORY**

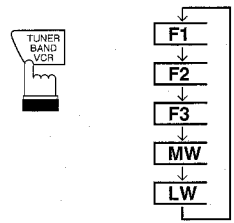
Press the TUNE/A.ME button for at least **2** seconds. The display shows "A-MEMORY" for a second then changes the radio frequency during the auto memory operation. The tuner will automatically seek and store 6 strong stations in the selected band in order of signal strength.
When the automatic storing has been completed, the tuner goes to the station stored in the preset location No. 1.

**Note:** If no stations are stored, the tuner will return to the original station you were listening to before the auto storing procedure began.



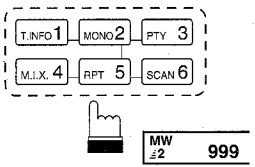

## Tuning to Preset Stations

**1**



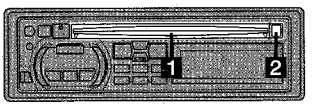

Press the TUNER/BAND/VCR button repeatedly until the desired band is displayed.

**2**

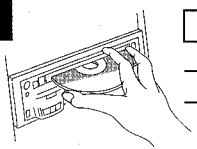



Make sure that the FUNC indicator illuminates, and press the station preset button that has your desired radio station in memory. The display shows the preset number, band and frequency of the station.

## Inserting/Ejecting Disc




**1**



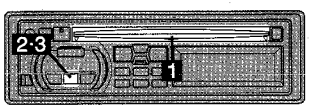

Insert a disc half way into the slot with the label side facing up. The player automatically draws the disc into the disc compartment. The Disc indicator appears to show that a disc is loaded.

**Note:** You can insert a 3-inch CD without using an adaptor ring.

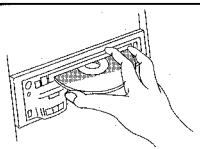
**2**

Press the eject ▲ button when you want to eject the CD.

## Normal Play and Pause




**1**



Insert a CD. The CD player begins playback from the first track on the disc. The display shows the track number and elapsed time of the track being played. When the last track is played back the player returns to the first track and begins playback from that point.

**2**

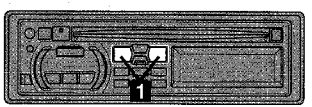
Press the DISC ►/II button to start CD play.

**3**

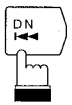
Press the DISC ►/II button to temporarily stop CD playback.

To resume playback, press the DISC ►/II button again.

## Music Sensor (Skip)

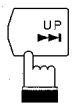



**1**




T04 2'35
↓
T04 0'00
↓
T03 0'00

Momentarily press the DN ⏮ button once to return to the beginning of the current track. If you wish to access a track further back, repeatedly press until you reach the desired track. (The example shows the Music Sensor operation starting from track No. 4.)

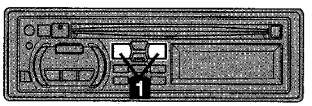



T04 2'35
↓
T05 0'00

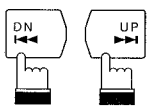
Press the UP ⏭ button once to advance to the beginning of the next track. If you wish to access a track further ahead, press repeatedly until the desired track is reached.

**Note:** The music sensor feature is functional in the play or pause mode.

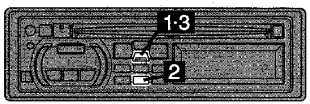
## Fast Forward and Backward




**1**




Press and hold the DN ⏮ or UP ⏭ button to quickly move backward or forward until you reach the desired section of the track.

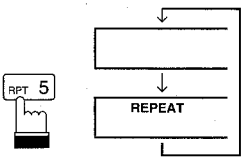



## Repeat Play

**1**

Press the FUNC button. The function indicator will be off.

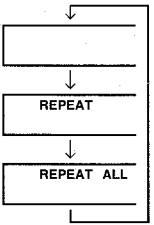
**2**




Press the RPT button to play back repeatedly the track being played. The REPEAT indicator appears and the track will be played repeatedly.

Press the RPT button again to deactivate the repeat play.

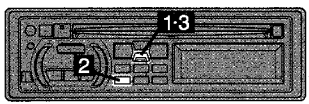
**CD Shuttle (Optional)**
**Changeur CD (en option)**
**Cambiador CD (Opcional)**




**Note:** If a CD Shuttle is connected and the REPEAT ALL mode is selected, the unit repeatedly plays back all the tracks on the disc selected.

**3**

Press the FUNC button to activate the normal mode. The function indicator will illuminate.




## M.I.X. (Random Play)

**1**

Press the FUNC button. The function indicator will be off.

**2**

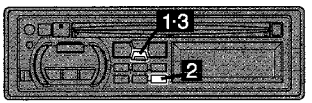
**M.I.X.**

Press the M.I.X. button in the play or pause mode. The M.I.X. indicator will illuminate and the tracks on the disc will be played back in a random sequence. After all the tracks on the disc have been played back once, the player will begin a new random sequence play until the M.I.X. mode is canceled.

To cancel M.I.X. play, press the M.I.X. button again.

**3**

Press the FUNC button to activate the normal mode. The function indicator will illuminate.




## Scanning Programmes

**1**

Press the FUNC button. The function indicator will be off.

**2**

**T01 SCAN**
↓
**T02 SCAN**
↓
**T03 SCAN**
↓

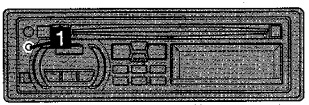
Press the SCAN button to activate the Scan mode. The first 10 seconds of each track will be played back in succession.

To stop the Scan, press the SCAN button to deactivate the Scan mode.

**3**

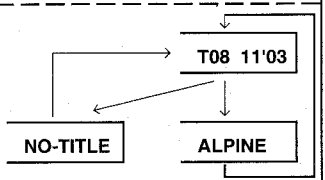
Press the FUNC button to activate the normal mode. The function indicator will illuminate.

## To display CD Titles



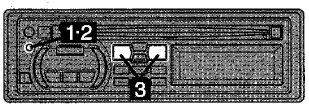

**1**

Titles can be displayed for CDs with titles entered.
(Refer to page 48 to title the disc.)
Press the TITLE button in the CD mode.
The display will be switched each time the switch is pressed.




Title not entered/
Titre non mémorisé/
Título sin memorizar

Title entered/
Titre mémorisé/
Título memorizado

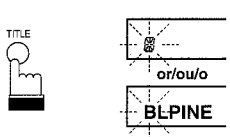



## Titling Disc

**1**

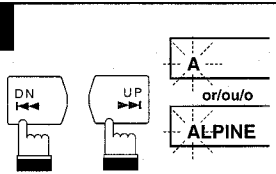
Press the TITLE button to select the disc titling mode. (Refer to page 46.)

**2**

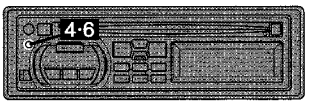



Press the TITLE button for at least **2** seconds. The first digit blinks.

**3**

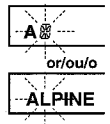



Press the DN ⏮ or UP ⏭ button repeatedly to select the desired letter/numeral/symbol available for naming ("A" for example).




## Titling Disc (Continued)

**4**




Press the TITLE button to store the first character. The first character will stop blinking and the display will automatically advance to the next character. When that character begins to blink, you may choose the next letter or symbol of your title.

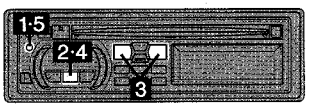
**5**

Repeat the steps 3 and 4 above to complete the titling. The 8 digits should be filled for the disc title.

**6**

Press the TITLE button to record the title.

**Note:** The memory capacity for the disc titles is up to 18. When you try for more, the display shows "FULL DATA" to indicate that no more title can be memorized.




## Erasing Disc Title

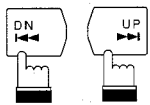
**1**

Press the TITLE button to select the disc titling mode. Then press for at least **2** seconds.

**2**

Press the DISC ▶/II button for at least **3** seconds to activate the title scanning mode. The title in the display will blink, for example "ALPINE."

**3**



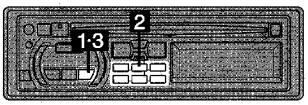

Press DN ⏮ or UP ⏭ button repeatedly until the disc title you want to erase is displayed.

**4**

Press DISC ▶/II button for at least **3** seconds to erase the disc title displayed.

**5**

Press the TITLE button for at least **2** seconds to cancel the disc title erasing mode.

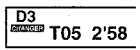



## Controlling CD Shuttle (Optional)

If an optional Alpine 6-disc CD Shuttle is connected to the Ai-NET connector of the CDA-7939R, you can control the CD Shuttle using the CDA-7939R.
You can connect and operate multiple Alpine CD Shuttles when these are connected through the Multi-Changer Switching device(s) (KCA-400C) to the CDA-7939R. See the Multi-Changer Selection section on page 64 for selecting the CD Shuttles.

**Note:** The controls on the CDA-7939R for the CD operation are operative only when the CD Shuttle is interconnected with the CDA-7939R.

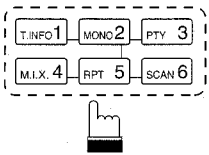
**1**




The display example shows when playing the Track 5 on the Disc 3.

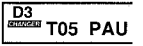
Press the CHANGER button to activate the connected CD Shuttle. The display shows the disc number and track number.

**2**

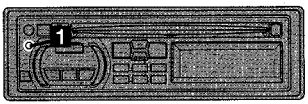



Make sure that the FUNC indicator illuminates, and press the Preset buttons to select the desired disc loaded in the CD Shuttle.

**3**



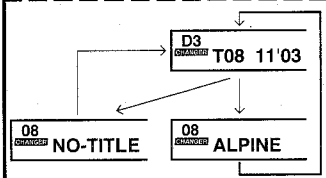

Press the CHANGER button to pause CD play. The display shows "PAU".
To resume CD play, press again.
The PAU indicator disappears.




## To display CD Titles

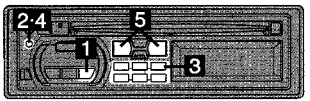
**1**

Titles can be displayed for CDs with titles entered.
(Refer to page 58 to title the disc.)
Press the TITLE button in the CD Shuttle mode.
The display will be switched each time the switch is pressed.




Title not entered/
Titre non mémorisé/
Título sin memorizar

Title entered/
Titre mémorisé/
Título memorizado




## Titling Disc

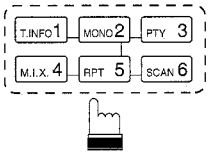
**1**

Press the CHANGER button to activate the CD Shuttle mode.

**2**

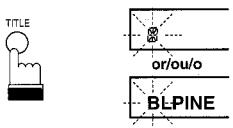
Press the TITLE button to select the disc titling mode. (Refer to page 56.)

**3**



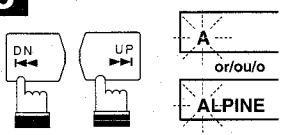

Make sure that the FUNC indicator illuminates, and press the Preset buttons to select the desired disc to be titled.

**4**

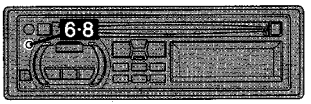



Press the TITLE button for at least **2** seconds. The first digit blinks.

**5**

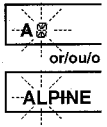



Press the DN ⏮ or UP ⏭ button repeatedly to select the desired letter/numeral/symbol available for naming ("A" for example).




## Titling Disc (Continued)

**6**




Press the TITLE button to store the first character. The first character will stop blinking and the display will automatically advance to the next character. When that character begins to blink, you may choose the next letter or symbol of your title.

**7**

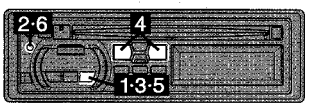
Repeat the steps 5 and 6 above to complete the titling. The 8 digits should be filled for the disc title.

**8**

Press the TITLE button to record the title.

**Notes:**

- When the memory capacity for the disc titles is used up, the display shows "FULL DATA" to indicate that no more title can be memorized. Refer to the Owner's Manual of the CD shuttle interconnected for information about how many discs you can title.
- The CD titles stored in memory will be erased when the Ai-NET cable to the CD Shuttle is disconnected.




## Erasing Disc Title

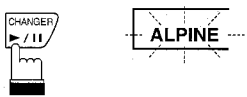
**1**

Press the CHANGER button to activate the CD Shuttle mode.

**2**

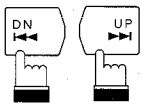
Press the TITLE button to select the disc titling mode. Then press for at least **2** seconds.

**3**




Press the CHANGER button for at least **3** seconds to activate the title scanning mode. The title in the display will blink, for example "ALPINE."

**4**



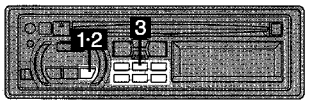

Press the DN I◄◄ or UP ►►I button repeatedly until the disc title you want to erase is displayed.

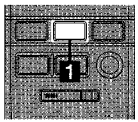
**5**

Press the CHANGER button for at least **3** seconds to erase the disc title displayed.

**6**

Press the TITLE button for at least **2** seconds to cancel the disc title erasing mode.




(Remote Control/Télécommande/ Controlador remoto)

## Multi-Changer Selection

You can connect and operate 2 or more (maximum 6) Alpine CD Shuttles with the Ai-NET function when these are connected through the Multi-Changer Switching device (KCA-400C) to the CDA-7939R. If you use 1 Switching device, you can connect up to 4 CD player/Shuttles. If you use 2 Switching devices, you can connect up to 6 CD player/ Shuttles.

**1**

Press the CHANGER button on the CDA-7939R to activate the CD Shuttle mode.

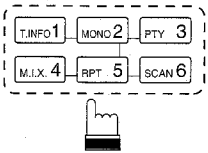
Press the AUDIO SEL button on the Remote Controller (RUE-4160) to activate the CD Shuttle mode. Proceed to Step **3** below to select the desired player/changer.

**2**

Press the CHANGER button on the CDA-7939R for at least **3** seconds to activate the CD Shuttle Selection mode.

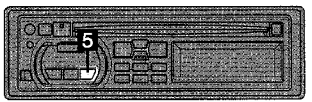
**3**

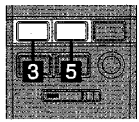
**CHGR-X**




The CD Shuttle Selection mode remains active for 5 seconds after Step **2** is performed. Make sure that the FUNC indicator illuminates, and press the Preset buttons (1 through 6) to select the desired CD changer. The display shows the selected player/ changer number.

**Note:** If the selected player/changer is not being connected, the display shows "NO CHGR-X."

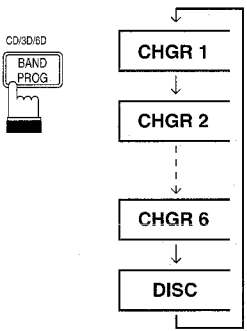



(Remote Control/Télécommande/
Controlador remoto)

## Multi-Changer Selection (Continued)

**3**




Press the BAND/PROG button on the Remote Controller (RUE-4160) until the desired player/changer indicator appears on the display.

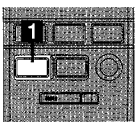
**4**

To operate the selected player/changer, see "CD Shuttle Operation" section, page 54 – 66.

**5**

Press the CHANGER button on the CDA-7939R for at least **3** seconds to deactivate the CD Shuttle Selection mode.

Press the AUDIO SEL button on the Remote Controller to select other audio sources.

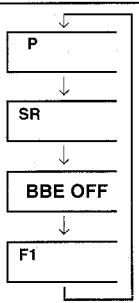



(Remote Control/Télécommande/ Controlador remoto)

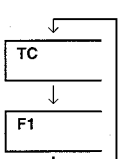
## Activating Equalizer/Divider (optional)

If an optional Alpine Equalizer (such as ERA-G100) or Divider (such as PRA-H400) is Ai-NET connected to the CDA-7939R, you can operate the Equalizer or Divider from the Remote Controller RUE-4160.

**1**




**(ERA-G100)**




**(PRA-H400)**

Press the A.PROC button repeatedly to activate the desired equalizer mode or the Divider mode. In the audio source mode, the Equalizer/Divider mode is deactivated and other audio source is activated.

**Note:** Refer to the Owner's Manual for the ERA-G100 or PRA-H400 for operations.

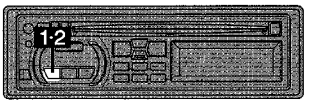
Press the A.PROC button to deactivate the equalizer or divider mode.

**Notes:**

- The A. PROC (Audio Processor), DEFEAT, M/P (Maker's/Private) and EFFECT buttons are operable only when an optional audio processor is Ai-NET connected with the CDA-7939R.
- When an external audio processor is connected to the CDA-7939R and activated, the CDA-7939R's tone circuit will be automatically bypassed.

# VCR Operation





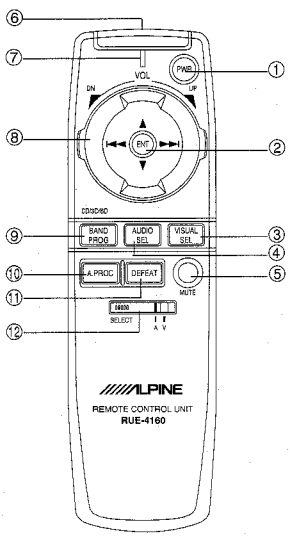

When the VCR (option) and the Colour Monitor (option) with Ai-NET system are connected to the CDA-7939R, you can control the ON/OFF operation of the VCR picture and audio from the CDA-7939R.

**1**

Press the VCR button at least **2** seconds to set the unit to the VCR mode and to turn on the VCR picture and audio.

**2**

Press the VCR button to turn off the VCR mode.




## Controls and Indicators/ Basic Operation

① **PWR Button**
Press to turn the power on/off.

② **ENTER Button**

③ **VISUAL SEL Button**

④ **AUDIO SEL Button**
Press to select the audio source.

⑤ **MUTE Button**
Press to lower volume level by 20 dB instantly. Press again to cancel.

⑥ **Remote Control Transmission Section**

⑦ **Operation Indicator**

⑧ **Multi-function Button**
Rotate to increase or decrease the volume level.

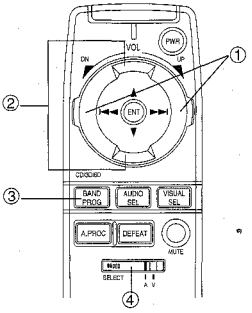
⑨ **BAND/PROG Button**

⑩ **A. PROC Button**

⑪ **DEFEAT Button**

⑫ **SELECT Switch ***

* AUDIO (A)/VISUAL (V) can be operated by switching the SELECT Switch.



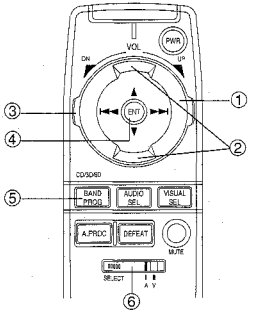

## Radio Mode

① **SEEK UP/DOWN operation**

② **Preset Select (UP/DOWN)**
Press the button to select a preset No.

③ Press the button, and the band will change.

④ **A-position**




## CD/CD Shuttle Mode

① Press the button to advance to the beginning of the next track.

② **Disc Select (UP/DOWN)**
Press the button to select a disc No.

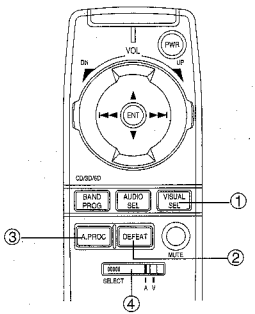
③ Press the button to go back to the beginning of the current track. Press again to go back to the beginning of the previous track.

④ **Disc PLAY/PAUSE Button**

⑤ Press the button to select CD source when a head unit and multiple CD sources are combined.

⑥ **A-position**

## Other Mode




① In the visual system mode, press the button to select the monitor screen. Press and hold down for at least **2** seconds to turn on or off the visual system.

② Press the button to defeat the external audio processor. (A-position)*1

③ Press the button to call the external audio processor mode. (A-position)*1

④ **A-position***2

**Notes:**

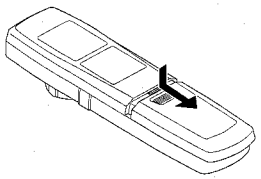
*1 For the operation of external audio processor, refer to the Owner's Manual of the external audio processor you purchased.

*2 V- position is used when the display processor is connected. For the operation of display processor, refer to the Owner's Manual of the display processor.

## Replacing battery

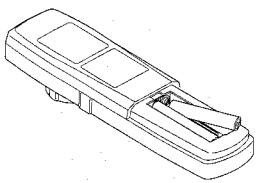
Applicable battery: Use two "AAA" sized batteries.

**1**



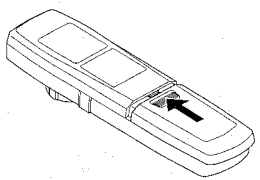
**Opening the battery cover.**
Push and slide the cover in the arrow direction, and the cover will be removed.

**2**



**Replacing the battery.**
Remove the old batteries. Insert new ones matching the (+) and (–) polarities as shown in the diagram inside the unit.

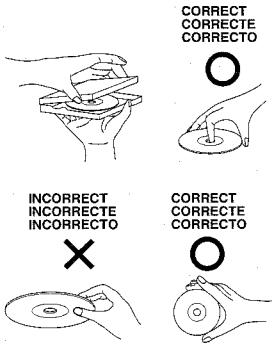
**3**



**Closing the cover.**
Push the cover in the arrow direction until a click is heard.

# Disc Care

English

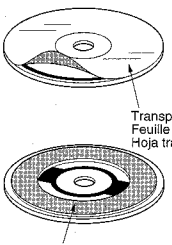



## Correct Handling

Do not drop the disc while handling. Hold the disc so you will not leave fingerprints on the surface. Do not affix tape, paper, or gummed labels on the disc. Do not write on the disc.

## Disc Cleaning

Fingerprints, dust, or soil on the surface of the disc could cause the CD player to skip. For routine cleaning, wipe the playing surface with a clean, soft cloth from the centre of the disc to the outer edge. If the surface is heavily soiled, dampen a clean soft cloth in a solution of mild neutral detergent before cleaning the disc.




## Disc Accessories

There are various accessories available on the market for protecting the disc surface and improving sound quality. However, most of them will influence the thickness and/or diameter of the disc. Using such accessories can cause the disc to be out of standard specifications and may create operational problems. We recommend not using these accessories on discs played in Alpine CD players.

If you encounter a problem, please review the items in the following checklist. This guide will help you isolate the problem if the unit is at fault. Otherwise, make sure the rest of your system is properly connected or consult your authorized Alpine dealer.

## Initial Turn-on After Installation

| Symptom/Symptôme/Síntoma | Cause and Solution |
|---|---|
| No function or display./Fonctions inopérantes ou pas d'affichage./La unidad no funciona ni hay visualización. | • Car's ignition is off.<br>– If connected following instructions, the unit will not operate with the car's ignition off. |
| | • Improper power lead connections.<br>– Check power lead connections. |
| | • Blown fuse.<br>– Check the fuses on the battery leads; replace with the proper value if necessary. |

| | Radio Mode |
|---|---|
| **Symptom/Symptôme/Síntoma** | **Cause and Solution** |
| Unable to receive stations./Impossible de recevoir les stations./Es imposible recibir emisoras. | • No antenna or open connection in cable.<br>– Make sure the antenna is properly connected; replace the antenna or cable if necessary. |
| Unable to tune stations in the seek mode./ Impossible d'accorder les stations en mode de recherche automatique./Es imposible sintonizar emisoras en el modo de búsqueda. | • You are in a weak signal area.<br>– Make sure the tuner is in the DX mode.<br>• If the area you are in is a primary signal area, the antenna may not be grounded and connected properly.<br>– Check your antenna connections; make sure the antenna is properly grounded at its mounting location.<br>• The antenna may not be the proper length.<br>– Make sure the antenna is fully extended; if broken, replace the antenna with a new one. |
| Broadcast is noisy./Réception parasitée./La recepción es ruidosa. | • The antenna is not the proper length.<br>– Extend the antenna fully; replace it if it is broken.<br>• The antenna is poorly grounded.<br>– Make sure the antenna is grounded properly at its mounting location. |

| | CD Mode |
|---|---|
| **Symptom/Symptom/Symptôme** | **Cause and Solution** |
| CD not functioning./Le CD ne fonctionne pas./El lector de discos compactos no funciona. | • Out of operating temperature range +50°C (+120°F) for CD.<br>– Allow the car's interior (or trunk) temperature to cool. |
| CD playback sound is wavering./Le son de lecture de CD est déformé./El sonido de reproducción de un disco compacto oscila. | • Moisture condensation in the CD Module.<br>– Allow enough time for the condensation to evaporate (about 1 hour). |
| CD insertion not possible./Insertion de CD impossible./La inserción de un disco compacto es imposible. | • The CD is already in the CD player.<br>– Eject the CD and remove it.<br>• The CD is being improperly inserted.<br>– Make sure the CD is being inserted following instructions in the Owner's Manual. |
| Unable to fast forward or backward./Avance rapide ou inversion impossibles./El disco no avanza ni retrocede. | • The CD has been damaged.<br>– Eject the CD and discard it; using a damaged CD in your unit can cause damage to the mechanism. |
| Sound skips due to vibration./Pertes de son dues à des vibrations./El sonido salta debido a las vibraciones. | • Improper mounting.<br>– Securely re-mount the unit.<br>• Disc is very dirty.<br>– Clean the disc.<br>• Disc has scratches.<br>– Change the disc. |
| Sound skips without vibration./Pertes de son non dues à des vibrations./El sonido salta sin haber vibraciones. | • Dirty or scratched disc.<br>– Clean the disc; damaged discs should be replaced. |

## Indication for CD Shuttle

| Indication/Indication/Indicación | Cause and Solution |
|---|---|
| - - - H | • Protective circuit is activated due to high temperature.<br>– The indicator will disappear when the temperature returns to within operation range. |
| ERROR-01 | • Malfunction in the CD Shuttle.<br>– Consult your Alpine dealer.<br>Press the magazine eject button and pull out the magazine. Check the indication. Insert the magazine again. If the magazine cannot be pulled out, consult your Alpine dealer. |
| | • Magazine ejection not possible.<br>– Press the magazine eject button.<br>If the magazine does not eject, consult your Alpine dealer. |
| ERROR-02 | • A disc is left inside the CD Shuttle.<br>– Press the EJECT button to activate the eject function. When the CD Shuttle finishes the eject function, insert an empty CD magazine into the CD Shuttle to receive the disc left inside the CD Shuttle. |
| NO MAGZN | • No magazine is loaded into the CD Shuttle.<br>– Insert a magazine. |
| NO DISC | • No indicated disc.<br>– Choose another disc. |

# Specifications

**English/Français/Español**

**English**

**FM TUNER SECTION**

| | |
|---|---|
| Tuning Range/Plage d'accord/ Gama de sintonía | 87.5 – 108.0 MHz |
| Mono Usable Sensitivity/Sensibilité utilisable mono/Sensibilidad útil en modo monoaural | 0.7µV |
| 50 dB Quieting Sensitivity/Sensibilité à 50 dB Sensibilidad a 50 dB de silenciamiento | 1.1µV |
| Alternative Channel Selectivity/ Sélectivité de canal alternatif/ Selectividad de canal alternativo | 80 dB |
| Signal-to-Noise Ratio/Rapport signal sur bruit/ Relación señal-ruido | 65 dB |
| Stereo Separation/Séparation stéréo/ Separación estéreo | 35 dB |
| Capture Ratio/Taux de capture/ Relación de capture | 2.0 dB |

**MW/LW TUNER SECTION**

| | |
|---|---|
| Tuning Range/Plage d'accord/ Gama de sintonía | MW 531 – 1,602 kHz<br>LW 153 – 281 kHz |
| Sensitivity (IEC Standard)/Sensibilité (norme IEC)/ Sensibilidad (normas de la IEC) | MW 25.1µV/28 dB<br>LW 31.6µV/30 dB |

**CD SECTION**

| | |
|---|---|
| Frequency Response/Réponse en fréquence Respuesta en frecuencia | 5 – 20,000 Hz (±1 dB) |
| Wow & Flutter (% WRMS)/ Pleurage et scintillement (% WRMS)/ Fluctuación y trémolo (% WRMS) | Below measurable limits |
| Total Harmonic Distortion/Distorsion harmonique totale/Distorsión armónica total | 0.008% (at 1 kHz) |
| Dynamic Range/Plage dynamique/Gama dinámica | 93 dB (at 1 kHz) |

# Specifications

**English/Français/Español**

| | |
|---|---|
| Signal-to-Noise Ratio/Rapport signal sur bruit/ Relación señal-ruido | 93 dB |
| Channel Separation/Séparation de canaux/ Separación de canales | 85 dB (at 1 kHz) |
| **REMOTE CONTROL** | |
| Battery Type/Type de piles/Tipo de pilas | "AAA" sized dry battery |
| Battery Quantity/Nombre de piles/ Número de pilas | 2 |
| Dimensions (W x H x D)/Dimensions (L x H x P) Dimensiones (ancho x alto x prof.) | 44 x 30 x 153mm (1-3/4" x 1-3/16" x 6") |
| Weight (without battery)/Poids (sans piles)/Peso (sin pilas) | 60 gr (2 oz) |
| **GENERAL** | |
| Power Requirement/Alimentation/ Alimentación | 14.4V DC (11 – 16V (allowable)) |
| Maximum Pre-Output Voltage/Tension de sortie de préamplificateur max./ Tensión de salida máx. de preamplificador | 4V/10k ohms |
| Bass/Graves/Graves | ±15 dB/30 Hz |
| Treble/Aigus/Agudos | ±10 dB/10 kHz |
| Weight/Poids/Peso | 1.4 kg (3 lbs. 1 oz) |
| **CHASSIS SIZE** | |
| Width/Largeur/Anchura | 178mm (7") |
| Height/Hauteur/Altura | 50mm (2") |
| Depth/Profondeur/Fondo | 152mm (6") |
| **NOSEPIECE SIZE** | |
| Width/Largeur/Anchura | 170mm (6-3/4") |
| Height/Hauteur/Altura | 46mm (1-13/16") |
| Depth/Profondeur/Fondo | 17.5mm (11/16") |

**Note:** Due to product improvement, specifications and design are subject to change without notice.